

**Preliminary Amendment of U.S. National Stage for International Application  
PCT/EP2004/003785, Filed April 8, 2004**

**In the Claims:**

Please cancel claims 1-7, without prejudice, and add new claims 8-26, in accordance with the following complete listing of all claims ever presented. This listing of claims replaces all prior versions, and listings, of the claims in the instant application:

**Listing of Claims:**

Claims 1-7 (Canceled)

Claim 8 (New): A composition comprising a mixture of acrylic or methacrylic compounds containing 1 to 35% by weight epoxy (meth)acrylates, based on the total quantity of acrylic or methacrylic compounds, the mixture being obtainable by a process comprising the following steps carried out consecutively:

- a) esterifying one or more hydroxyl compounds (I) with acrylic acid and/or methacrylic acid,
- b) optionally adding more acrylic acid and/or methacrylic acid, and
- c) reacting the excess acrylic acid and/or methacrylic acid with one or more epoxides in the presence of the esterification product from step a).

Claim 9 (New): The composition according to claim 8, wherein the hydroxyl compounds (I) in step a) are selected from reaction products of polyols with  $\alpha,\omega$ -dicarboxylic acids.

Claim 10 (New): The composition according to claim 8, wherein the hydroxyl compounds (I) in step a) are selected from reaction products of addition products of 1 to 10 mol ethylene oxide onto glycerol or trimethylol propane or a combination thereof with  $\alpha,\omega$ -dicarboxylic acids.

Claim 11 (New): The composition according to claim 8, wherein the hydroxyl compounds (I) in step a) are selected from reaction products of addition products of 1 to 10 mol ethylene oxide onto glycerol or trimethylol propane or a combination thereof with adipic acid.

Claim 12 (New): The composition according to claim 8, wherein the mixture of acrylic or methacrylic compounds contains 5 to 25% by weight of the epoxy (meth)acrylates.

**Preliminary Amendment of U.S. National Stage for International Application  
PCT/EP2004/003785, Filed April 8, 2004**

Claim 13 (New): The composition according to claim 8, wherein the one or more epoxides are selected from the group comprising polyglycidyl compounds of bisphenol A, glycidyl ethers of polyfunctional alcohols, and diepoxides.

Claim 14 (New): A radiation-curable coating composition comprising a composition according to claim 8.

Claim 15 (New): A flatting composition comprising

(A) a coating component comprising a mixture of acrylic or methacrylic compounds containing 1 to 35% by weight epoxy (meth)acrylates, based on the total quantity of acrylic or methacrylic compounds, the mixture being obtainable by a process comprising the following steps carried out consecutively:

- a) esterifying one or more hydroxyl compounds (I) with acrylic acid and/or methacrylic acid,
- b) optionally adding more acrylic acid and/or methacrylic acid, and
- c) reacting the excess acrylic acid and/or methacrylic acid with one or more epoxides in the presence of the esterification product from step a); and

(B) 0.01 to 20% by weight, based on the weight of the flatting compositions as a whole, of a dimerdiol component comprising one or more dimerdiol (meth)acrylates with a degree of esterification of at least 50%.

Claim 16 (New): The flatting composition according to claim 15, wherein the mixture of acrylic or methacrylic compounds in the coating component (A) contains 5 to 25% by weight of the epoxy (meth)acrylates.

Claim 17 (New): The flatting composition according to claim 15, wherein, in component (A), the hydroxyl compounds (I) in step a) are selected from reaction products of polyols with  $\alpha,\omega$ -dicarboxylic acids.

Claim 18 (New): The flatting composition according to claim 15, wherein, in component (A), the hydroxyl compounds (I) in step a) are selected from reaction products of addition products of 1 to 10 mol ethylene oxide onto glycerol or trimethylol propane or a combination thereof with

**Preliminary Amendment of U.S. National Stage for International Application  
PCT/EP2004/003785, Filed April 8, 2004**

$\alpha,\omega$ -dicarboxylic acids.

Claim 19 (New): The flatting composition according to claim 15, wherein, in component (A), the hydroxyl compounds (I) in step a) are selected from reaction products of addition products of 1 to 10 mol ethylene oxide onto glycerol or trimethylol propane or a combination thereof with adipic acid.

Claim 20 (New): The flatting composition according to claim 15, wherein the dimerdiol (meth)acrylates of component (B) have a degree of esterification of at least 80%.

Claim 21 (New): The flatting composition according to claim 15, wherein the dimerdiol (meth)acrylates of component (B) have a degree of esterification of at least 92%.

Claim 22 (New): The flatting composition according to claim 15, wherein the one or more epoxides of component (A) are selected from the group comprising polyglycidyl compounds of bisphenol A, glycidyl ethers of polyfunctional alcohols, and diepoxides.

Claim 23 (New): The flatting composition according to claim 15, wherein the dimerdiol component (B) is present in the amount of 2 to 15% by weight, based on the weight of the flatting composition as a whole.

Claim 24 (New): The flatting composition according to claim 15, wherein the dimerdiol component (B) is dimerdiol diacrylate.

Claim 25 (New): A glass material coated with the flatting composition according to claim 15.

Claim 26 (New): A process for the production of a mixture of acrylic or methacrylic compounds, comprising carrying out the following steps consecutively:

- a) esterifying one or more hydroxyl compounds (I) with acrylic acid and/or methacrylic acid,
- b) optionally adding more acrylic acid and/or methacrylic acid, and
- c) reacting the excess acrylic acid and/or methacrylic acid with one or more epoxides in the

**Preliminary Amendment of U.S. National Stage for International Application  
PCT/EP2004/003785, Filed April 8, 2004**

presence of the esterification product from step a),  
in a manner and with amounts of reactants such that the resulting product contains 1 to 35%  
by weight of epoxy (meth)acrylates, based on the total quantity of acrylic or methacrylic  
compounds.